

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number
WO 2005/059743 A1

(51) International Patent Classification⁷: **G06F 9/44**

(21) International Application Number:
PCT/EP2004/053478

(22) International Filing Date:
15 December 2004 (15.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03029190.0 18 December 2003 (18.12.2003) EP

(71) Applicant (for all designated States except US): **SAP AK-TIENGESELLSCHAFT** [—/DE]; Patent, Neurottr. 16, 69190 Walldorf (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAUFF, Markus** [DE/DE]; Mozartstr. 23, 68723 Oftersheim (DE). **NICOULAUD, Florent** [FR/FR]; 20 Avenue du Docteur Fabre, F-06160 Juan-les-Pins (FR). **RETHORE, Samuel** [FR/FR]; 3 rue Henri Barbara, F-06560 Valbonne (FR). **SPADONE, Pascal** [FR/FR]; 11 Avenue Gambetta,

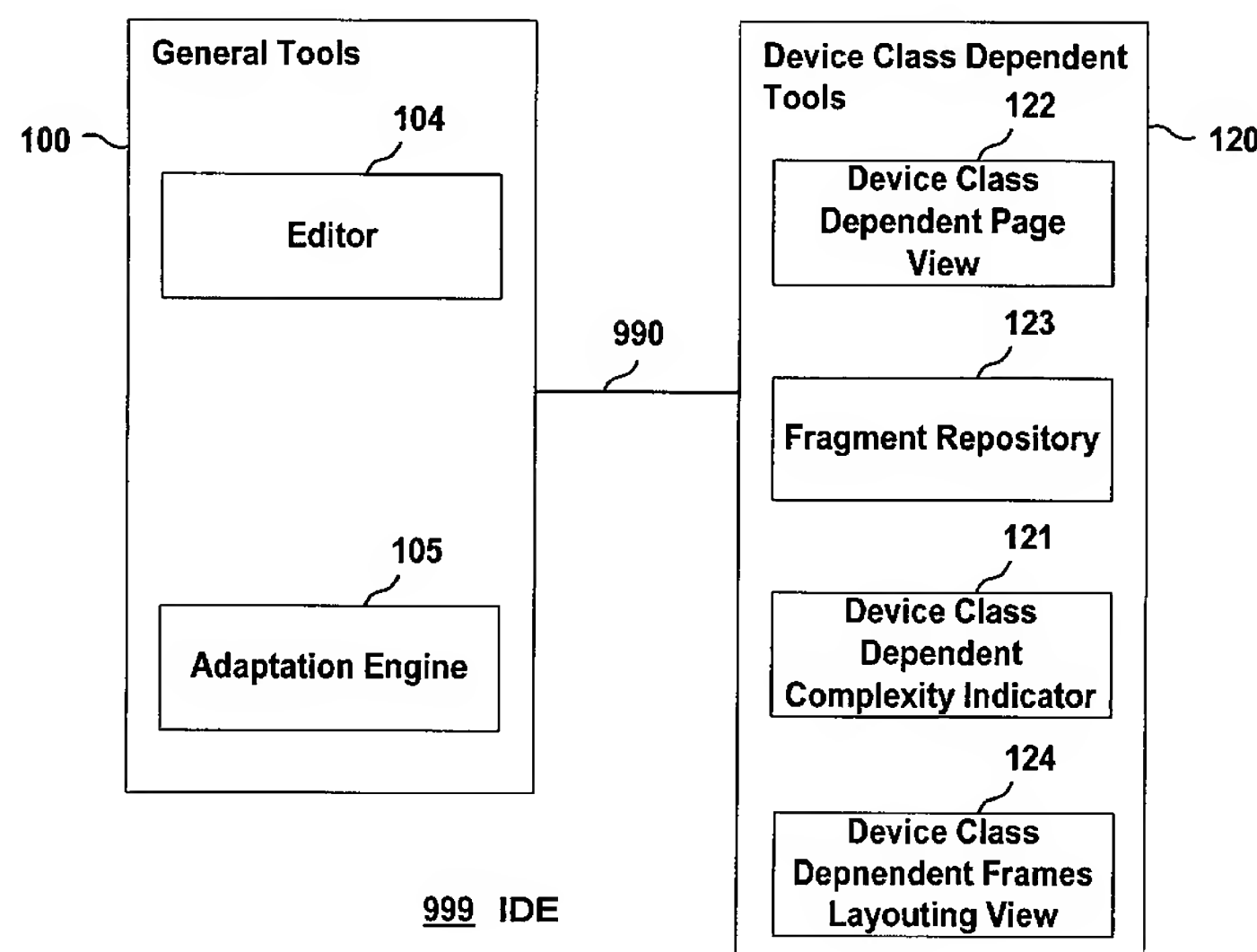
F-06600 Antibes (FR). **SEURAT, Patrice** [FR/FR]; Bat. E Clair Logis, Avenue Frederic Mistral, F-06130 Grasse (FR). **SPRIESTERSBACH, Axel** [DE/DE]; Jollystr. 49, 76137 Karlsruhe (DE). **ULMER, Cédric** [FR/FR]; La Rouviere Bat A, Bd du Redon, F-13009 Marseille (FR). **ZIEGERT, Thomas** [DE/DE]; Am Hopfengarten 4a, 64295 Darmstadt (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: METHOD AND COMPUTER SYSTEM FOR DOCUMENT AUTHORIZING



(57) Abstract: Integrated development environment IDE (999), method and computer system for developing user interface documents. An editor (104) is used for editing a user interface document. An adaptation engine (105) generates device class specific representations of the user interface document. Each device class specific representation refers to a respective device class. Device class dependent tools (120) of the IDE (999) are used for generating device class specific information and providing it to the author. Device class specific information can be information about the complexity of the user interface by device class provided by a complexity indicator (121), information about how many pages are generated for which device class provided by a device class dependent view (122) or information about the layout for various device classes provided by a frames layouting view (124).

WO 2005/059743 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*